

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/587,199
		Filing Date	July 25, 2006
		First Named-Inventor	Michael Siskin et al
		Art Unit	
		Examiner Name	
Attorney Docket Number			
Sheet	1	of	2
		Family Number	P2004J007

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. 1	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, lines, where relevant passages or relevant figures appear
		Number-Kind Code ² (if known)				
AS	AA	US-	4,112,051	09-05-1978	Sartori et al	
↑	AB	US-	4,112,052	09-05-1978	Sartori et al	
	AC	US-	4,405,585	09-20-1983	Sartori et al	
	AD	US-	4,417,075	11-22-1983	Stogryn	
	AE	US-	4,471,138	09-11-1984	Stogryn	
	AF	US-	4,487,967	12-11-1984	Stogryn et al	
	AG	US-	4,508,692	04-02-1985	Savage et al	
	AH	US-	4,618,481	10-21-1986	Heinzelmann et al	
	AI	US-	4,892,674	01-09-1990	Ho et al	
	AJ	US-	4,894,178	01-16-1990	Ho et al	
	AK	US-	4,961,873	10-09-1990	Ho et al	
X AS	AL	US-	5,098,604	03-24-1992	Brouard et al	
	AM	US-	5,874,623	02-23-1999	Adkins et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country code ³ -Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of cited document	Pages, columns, lines, where relevant passages or relevant figures appear	T ⁶
BA	GB	2 017 524	10-10-1979	Shell Internationale		
BB	WO	2005/082835	09-09-2005	ExxonMobil Res. & Eng. Co.		
BC	WO	2005/081777	09-09-2005	ExxonMobil Res. & Eng. Co.		
BD	WO	2005/082836	09-09-2005	ExxonMobil Res. & Eng. Co.		

Examiner Signature	<i>M. Jin</i>	Date Considered	<i>Aug 2007</i>
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Pro	CA	FRAZIER and KOHL, "Selective Absorption of Hydrogen Sulfide from Gas Streams", Industrial and Engineering Chemistry, November 1950, pp. 2288-2292, vol. 42, no. 11, The Fluor Corporation Ltd., Los Angeles, California	
Mo	CB	OVERBERGER and SARLO, "Mixed Sulfonic-Carboxylic Anhydrides", J. Am. Chem. Soc., March 4, 1963, pp. 2446-2448, vol. 85	
Mo	CC	KARGER and MAZUR, "Cleavage of Ethers by Mixed Sulfonic-Carboxylic Anhydrides", J. Am. Chem. Soc., July 3, 1968, pp. 3878-3879, 90:14	
	CD		
	CE		
	CF		
	CG		
	CH		
	CI		
	CJ		
	CK		
	CL		
	CM		

Examiner Signature	<i>P. J. R.</i>	Date Considered	<i>Sept 2007</i>
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